

SYSTEM AND METHOD FOR DISTRIBUTED CALL
PROCESSING USING LOAD SHARING GROUPS

ABSTRACT OF THE DISCLOSURE

A switch for handling call connections between calling devices
and called devices on a plurality of trunk lines associated with
the switch. The switch comprises: 1) a main processing unit for
executing call process client applications, wherein each of the
call process client applications is associated with one of the call
connections; and 2) N call application nodes for executing call
process server applications, wherein a first call process server
application is executed on a first call application nodes and is
associated with a similar second call process server application
executed on a second call application nodes separate from the first
call application node. The first and second call process server
applications form a first load sharing group server application.
Each call process client application sends a call process service
request to the first load sharing group server application and the
first load sharing group server application selects one of the
first and second call process server applications to perform the
requested call process service according to a load distribution
algorithm.